

AP20 Rec'd PCT/PTO 01 AUG 2006

Docket No.: 5259-000069/US/NP
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kunio Kashino et al.

Application No.: National Phase of
PCT/JP2005/012921

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: SIGNAL DETECTION METHOD, SIGNAL
DETECTION SYSTEM, SIGNAL
DETECTION PROCESSING PROGRAM,
AND RECORDING MEDIUM RECORDED
WITH PROGRAM THEREOF

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language patent references is enclosed.

JAP20 Rec'd PCT/PTO 01 AUG 2006

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 08-0750, under Order No. 5259-000069/US/NP from which the undersigned is authorized to draw.

Dated: August 2, 2006

Respectfully submitted,

By Gregory A. Stobbs

Gregory A. Stobbs

Registration No.: 28,764

HARNESS, DICKEY & PIERCE, P.L.C.

P.O. Box 828

Bloomfield Hills, Michigan 48303

(248) 641-1214

Attorney for Applicant

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO		<i>Complete if Known</i> Application Number 10/588182 Filing Date Concurrently Herewith First Named Inventor Kunio Kashino, et al. Art Unit N/A Examiner Name Not Yet Assigned		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				
Sheet	1	of	1	
			Attorney Docket Number	5259-000069/US/NP

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA*	US-20040167785-A1	08-26-2004	Kimura et al.		
AB*	US-20030058268-A1	03-27-2003	Loui et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	EP-1426899-A2	06-09-2004			✓
	BB	JP-2004-199047-A	07-15-2004			✓
	BC	JP-2003-069924-A	03-07-2003			✓
	BD	EP-1 286 278-A2	02-26-2003			✓
	BE	JP-2000-312343	11-07-2000			✓
	BF	JP-3574075-B2	07-09-2004			✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IPFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON-PATENT LITERATURE DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	CA	Shogo Kimura et al., "Global na Edakari o Donyu shita Oto ya Eizo no Kosoku Kensaku" ("A Quick Search Method for Multimedia Signals Using Global Pruning"), The Transactions of the Institute of Electronics, Information and Communication Engineers, 01 October 2002 (01.10.02), Vol. J85-D-II, No. 10, pages 1552 to 1562
	CB	Shogo Kimura et al., "Global na Edakari o Donyu shita Chojikan Onkyo shingo no Tansaku - Jikeiretsu Active Tansaku no Kosokuka -" ("Quick Searching of Long Audio Signals Using Global Pruning - Accelerating Time-Series Active Search -"), The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, 16 February 2001 (16.02.01), Vol. 100, No. 634, pages 53 to 60 (with English abstract)
	CC	Shogo Kimura et al., "SPIRE: Sparse na Indexing ni yoru Gazochu no doitsu Bubun Ryoiki no Kenshutsu" ("SPIRE: A Partial Image Identification Method Based on Sparse Indexing"), The Transactions of the Institute of Electronics, Information and Communication Engineers, 01 August 2005 (01.08.05), Vol. J88-D-II, No. 8, pages 1712 to 1719
	CD	Kunio Kashiwano et al., "Histogram Tokucho o Mochiita Onkyo Shingo no Kosoku Tansakuho - Jikeiretsu Active Tansakuho -" ("A Quick Search Algorithm for Acoustic Signals Using Histogram Features - Time-Series Active Search-"), The Transactions of the Institute of Electronics, Information and Communication Engineers, 01 September 1999 (01.09.99), Vol. J82-D-II, No. 9, pages 1365 to 1373
	CE	Kunio Kashiwano et al., "Histogram Tokucho o Mochiita Oto ya Eizo no Kosoku AND/OR Tansaku" ("Quick AND/OR Search for Multimedia Signals Based on Histogram Features"), The Transactions of the Institute of Electronics, Information and Communication Engineers, 01 December 2000 (01.12.00), Vol. J83-D-II, Vol. No. 12, pages 2735 to 2744

Examiner Signature _____ Date Considered _____